

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of ALONZO W. BEASLEY, JR.

Serial No: 10/684,639

Examiner: Singh, Arti R.

Filed: October 14, 2003

Art Unit: 1771

Title: MOTOR VEHICLE AIRBAG AND

FABRIC FOR USE IN SAME

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION UNDER 37 CFR 1.131

Dear Commissioner:

I, the individual whose signature appears below, do hereby declare that:

- 1. I am an officer of Safety Components Fabric Technologies, Inc., owner of the above patent application by virtue of written assignment from the inventor.
- 2. This application was filed on October 14, 2003, but claims the benefit of application Serial No. 09/558,766, filed April 26, 2000.
- 3. I have been advised that all claims of the application have been rejected as being unpatentable over the disclosure of U.S. Patent No. 6,455,449 to Veiga et al. issued on September 24, 2002, and filed on September 3, 1999.
- 4. The present invention resides in the discovery that urethane-coated airbag fabrics may include a base fabric made from finer denier yarns of alternating deniers which produces a crest and trough pattern on the surface that enhances urethane adhesion.
- 5. As supported by the factual evidence submitted herewith, the claimed invention was conceived and, on information and belief, was reduced to practice prior to September 3, 1999.

- 6. The originals of Exhibits A through C discussed hereinafter in detail were all prepared prior to September 3, 1999. Actual dates and prospective customer name have been deleted.
- 7. As evidenced by Exhibit A, a base fabric of 315d warp and alternating fill of 315d and 210d denier was prepared. This fabric was designated style 4934. The first two pages of Exhibit A make up the request from the inventor for a sample of this fabric. Note that the "endues" of the fabric is indicated to be "airbag." The third page of Exhibit A is a "Sample Specification" for this fabric. The fourth page is a "Warping, Processing, Weaving Order and Headend Ticket" (stamped "Air Bag") for this fabric. After the base fabric was made, it was tested as indicated by the "Certificate of Conformance" forming the last two pages of Exhibit A.
- 8. Exhibit B indicates that another sample of style 4934 was prepared. This base fabric also had 315d warp and alternating fill of 315d and 210d denier. The first page of Exhibit B is a "Sample Specification" for this fabric. The third page is a "Warping, Processing, Weaving Order and Headend Ticket" (stamped "Air Bag") for this fabric. After the base fabric was made, it was tested as indicated by the "Certificate of Conformance" forming the last two pages of Exhibit B.
- 9. As evidenced by Exhibit C, a base fabric of 420d warp and alternating fill of 420d and 315d denier was prepared. This fabric, designated style 4951, was requested by the document making up the first two pages of Exhibit C. After the base fabric was made, it was tested as indicated by the "Certificate of Conformance" forming the last two pages of Exhibit C.

- 10. A style 4934 base fabric was sent to the prospective customer (a coater), whereupon a urethane coating was applied. Satisfactory adhesion levels were reported.
- 11. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC.

Signed:	Shy Bour
Name:	Stephen B. Duank
Title:	President
Dans /	1-31-05

AND HAND PA

PTO/SB/98 (09-04)

Approved for use through 07/31/2008. CMB 0851-0031

U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73/b)
Applicant/Retent/Owner Alonzo W. Beasley, Jr.
Application No./Betant No.: 10/684.639 Filed/Issue Datex October 14. 2003
Entitled: Motor Vehicle Air Bag and Fabric for Use in Same
Technologies, Inc. Safety Components Fabric corporation (Name of Assignes) (Type of Assignes, e.g., corporation, pertnership, university, government agency, etc.)
states that it is: 1. Xithe assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is%
in the patent application/patent identified above by virtue of either:
A A assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010758 Frame 0187 or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown
below:
1. From: To: To: The document was recorded in the United States Patent and Trademark Office at Real, Frame, or for which a copy thereof is attached.
From:To:To: The document was recorded in the United States Patent and Trademark Office at
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
3 Form:
The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.
Additional documents in the chain of title are listed on a supplemental sheet.
Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(a)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
Signature Deta
- Stephen B. Duenk - 864-240-2678
Printed or Typed Name Telephone Number
Title

This collection of information is required by 37 CFR 3.73(b). This information is required to obtain or retain a banefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and automiting the completed application form to the USPTO. Time will very depending upon the individual cases. Any comments on the amount of time you require to complete this form another suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Tradement Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Germmissioner for Patents, P.O. Box 1458, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EXHIBIT A

0.5				₩
Dr.	PROD.	REO	COST	FORM

TO: FRANCISCO EEDOYA		
* WADVITING		
CUSTOMER:	CUST. 5/#	C/R# 10 - 387
Simble 02		1 5151 W
SCFTI S/#: 4934-CE	- WEAVE: Plans	NDUSE: Ailey LEVEL 4
(24914/2504/	ETM (MIN /NOM)	YES NO
GR. (MIN/NOM.)	FIN. (MIM.) NORTH	warp size ok 🗶
ENDS/IN: 55	43-15	SPUN YARN TINT
ENDS/IN: 55 PICKS/IN: 64 60 54 344 WIDTH: 75-76	19-5- 70-5	HI. TEN REQD
		AT D ATEN
WARP: 315 / 144 /7	447 IAK20)	LENGTH RANGE 500 yds.
	Man B	OLD/NET
FILL: 3/5 / 144 / 7-	747 KF10 (400 100	
PROCESS. 210/68	18-20 Dulor Nylon	
GREIGE	CUT	LENGTH RANGE 500 yds. PC. LENGTH 200
	MIN	PC. LENGTH 200
SCOUR & HEATSET	SPL:	CES ALLOWED
APPLY & FINISH		
		In wronger in the state of FINISH CODE: 9026
DESCRIBE FINISH:		
COPY OF CUST. SPEC ATT	ACHED (T)	DATED: EST REQ. Y/N) (CERT REQ Y/

II. TECHNICAL	aut.Tiple Picks - YES/!	EQUIVALENT PICKS: NAT ONLY)
YARDS PER BEAM:	(WARP IN E	PLANT & NEW YARNS ONLY)
CONST. IN LOOM: REED T	IIDTH: <u>Q1.25</u> SLEY	: SZO OFF IN PICKS: 648
WARP: 315 1441 TE 477	W 20	
FILLING: 110/64/220 P.	and alvies	es much prese
WARP YDS/LB: N-170	FILLING	YDS/LB: 14.150 : 315 - 21250 = 24
EST. WARP CONTRACTION:		The state of the s
REMARKS:	Sample	1-44-
		house DATE:
SIGNATURE:		
PROCESSES REQUIRED: (C)	WING FINISHING	FINAL TESTING
A CONTRACTOR OF THE PARTY OF TH	NIER BATCH	SLIT INTERNAL
	ZER SCOUR JIG/CON	T. INSPECT CUST. LOT
WARPING (IN/OUT)	CAN DRY	CACA NORSID.
(BLOCK/TRANS.)	CONTACT HT SET	SHIP PPAP
BEAMING/SLASHING	CALENDER TENTE	ANNUAL
		QUAL.

OOMS/WEA	APV:		OTH				£####	****		*****	30 ST 10 TH	
v. cos		THENT		经未供完整		2 4,050		DATE	FWDE	D:		_
DS/LOOM		TAR	GET CC		YD			WT.		oz./s		
OST: /AR./YD:		fx/yd:_		B/E/	YD:		MIN.	YD:_		TAR.	YD:_	-
(arn Pri	CE:	WAR	P:									
TCCI ATV	ERS/COM	ENTS:					•					
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SUBMITTE	D BY_	in cha	IGR. A	TAKE Y					DATE:			
SUBMITTE	D BY MAR	in cha	GR. A	TAKE Y	<i>3/</i>				DATE:			
SUEMITTE	BY MARI	ETING No. 1ECH.	SVCS_MGR	Mas K.B.	<i>3/</i>				DATE: DATE:			

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AFETY COMPC. NTS FABRIC ECHNOLOGIEL INC.

Sample by-deffication TR LIBTING BTYLR M

. AGB:

4.1 89 Airbag - driver uncoated / VARIOUS Dornier general L. BEASLEY 52.000 26.000 81.23 4.224 Primary quetomer Department no. Requested by: roduct code: Dents/inch: Reed width: Bley count: Loon types Ends/dest: No. ends: Beatus: 1 and 420/68 dk.blue mylon 24 ends from left side at slasher e herness and 6 banks of drop wires, 71% air space reed BF-44C-44 SOLIDS IN SIME BOX, 14 STRETCH ON SLASHING PICK AND PICK WITH 2 FILLING YABIS £ 2 64.00 [evel: מאלם Meave picks/inchi Dupont t-6.6 aylan Heat slit at loom Low Warp tension 315,210 . 60 x 64 M4934-0002-9026 Richer Plain Weave out (yds): Description Type stre: Fabrio: Edges : Other Meave Styles Pace:

)

Supplier: ACORDIS INDUSTRIAL FIRESS Supplier: ACORDIS INDUSTRIAL PIESES 315/144 T-447 HRT-8 Acordis Scottsboro Mylon 315/144 T-447 HRT-8 Adordis Scottsboro Hylon Airbeg Beam RPM11539 **Well.1538** Mone Fill yern code: Harp yarn code: Descriptions Descriptions Merge TWEST

Airbeg Tubes TWANE

Marge:

See final inspection instructions Bee final inspection instructions See finel inspection instructions nylon coating fabric (Air bag) Packaging Tube etze: Oredings Purpose:

Roll Goods

=

Puthp codes

Crit oods:

Taxe ut:

Hold code:

70.50 62 x 66 Rot. Pinished Max 4.93 69.50 58 × 62 Count (W x P): Mt (os/syd) . Width (in): 55 x 64 76.00 4.71 011 100 76.50 S6 x 65 4.71 75.50 4.71 54 x 63 Width (in); Count (W x P); Wt (os/syd) : 0.628 1.59 3.00 Weight (lbs/yd): Std vt (yda/1b) Allow dev %:

19 × 09 4.93

4.93

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08/35/1999

Bevielon date:

original

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Current revi

70,00 rarget

Comments: As c/r #10-387 var. M4934-01

RMBL 1618 210/68 820 T-729 TUBES PROM DUPONT PILLING YARN #2

PourceTech Systems, Inc., Charlotts, HC - All rights reserved syright 1997 by 1

WARPING ORDER

F-1017 11/96

(RE: QMS - 102)

SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC. - DUNEAN PLANT - 80

WARPING, PROCESSING, WEAVING ORDER AND HEADEND TICKET

			EST %						IST. BTWN			
DRAW: STRAIG	UT WEAVE	PLAIN				DORNIE			BM. HEAD:	81.75"	-	
DRAW: STRAIG	BODY		•	د ده برو ی		SELV	_		TOTAL ENDS:			
DEPT.: 10	ENDS:	4224	•		•	ENDS:		•	WEIGHT		•	•
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SELVAGI	- 1 END 4	20/68 DEN.	DARK BE	<u> </u>				• • ———				
	· · · · · · · · · · · · · · · · · · ·						PICKS:	32	. WT/YD:	.1959		ļ
FILLING A:	315/144/T-	447 AKZO :	SCOTSBO	RO NYLON			. Flores		(14,160)			1
									W.CO.	4205		
FILLING 8:	210/68/R-	DUPONT	NYLON		1011 00	CO I EN	PICKS:	. 32	WT/YD: (21,250)	.1305	-	1
INCL	210/68/R-2 UDES 22 D	ENTS EAG	CH SIDE	FOR CAT	ich co	KD,LET	(U,E I U.		(21,200)			i
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FILLING C:											•	1
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	045/4447	447 AK7O S	RCOTTSB	ORO NYLO	N	NC). ENDS:	4224	WT/YD:	.3245		i
WARP A:	315/144/T- NO TINT	447 AKZO S	SCOTTSB	ORO NYLO	N	, NC). ENDS:	4224	WT/YD: (14,150)	.3245	•	
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WARP B:	NO TINT	- NO CUI	R 24 END			, NC). END8:		(14,150)		•	-
	NO TINT	- NO CUT AT SLASHE	R 24 END		FT	, NC). END8:). END8:		(14,150) WT/YD: WT/YD:		•	;
WARP B:	NO TINT	AT SLASHE	R 24 END		FT	, NC). END8:). END8:		(14,150) WT/YD:			;
WARP B:	MO TINT MADDED EDGE AT	AT SLASHE	R 24 END		FT	NC NC MAY AL	D. END8: D. END8: SO BE W		(14,150) WT/YD: WT/YD:			;
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WARP B:	NO TINT ** ADDED EDGE A WARPING	AT SLASHE	R 24 END		FT	NC NC MAY AL	D. ENDS: D. ENDS: SO BE WARRENDS		(14,150) WT/YD: WT/YD:			
WARP 6: WARP C:	WARPING 0 SELV.	AT SLASHE T SLASHE LAYOUT	R 24 END		FT	NC NC MAY AL	D. ENDS: D. ENDS: SO BE WARRENDS		WT/YD: WT/YD: WT/YD: BBELOW: BODY	SELV.		
WARP B: WARP C:	WARPING O SELV.	AT SLASHE SLASHE LAYOUT 352 BOOY A	R 24 END		FT	NC MAY AL	ENDS: SO BE WAR		WT/YD: WT/YD: WT/YD:			
WARP 8: WARP C: 12 - 8MS 6	WARPING O SELV.	AT SLASHE T SLASHE LAYOUT	R 24 END		FT	NC MAY AL	EMS C	SELV.	WT/YD: WT/YD: WT/YD: BODY	SELV.		
WARP B: WARP C:	WARPING O SELV.	AT SLASHE SLASHE LAYOUT 352 BOOY A	R 24 END		FT	NC MAY AL	EMS C	SELV.	WT/YD: WT/YD: WT/YD: BBELOW: BODY	SELV.		
WARP 8: WARP C: 12 - 8MS 6	WARPING O SELV.	AT SLASHE SLASHE LAYOUT 382 BOOY A	O SELV.		FT	NC MAY AL	EMS C	SELV.	WT/YD: WT/YD: WT/YD: BODY	SELV.		
WARP B: WARP C: 12 - 8MS 6	WARPING O SELV. SELV.	- NO CUT AT SLASHE SLASHE LAYOUT 382 BOOY A BOOY A	O SELV.		FT	MAY AL	EMS C	SELV.	WT/YD: WT/YD: WT/YD: BODY BODY	SELV.		
WARP B: WARP C: 12 - 8MS 6	WARPING O SELV.	- NO CUT AT SLASHE SLASHE LAYOUT 382 BOOY A BOOY A	O SELV.		EFT GR	NC MAY AL	EMS C	SELV.	WT/YD: WT/YD: WT/YD: BODY	SELV.		

M.BURTON, REESE, HALEY, HAVER, B.JAMES, D. ROBBINS, WEAVE ROOM, J. GLENN R. DEATHERAGE (3), FRANCISCO BEDOYA (3) D-10

D-10

TIST COMMITTEES: 72'? / 65% R.A.

CERTIFICATE OF COMPONIANCE

PAGE 1 OF 2

MARHIFACTURER: Safety Components Fabric Tech. Inc.
Dumean Plant
Greenville, SC

315/2

COSTONER ID:

TEST DATE:

SPECIFICATION: TED

ATERIAL: 84934-02-90	26	LOT:	20699	TEST DATE:	SPECIFICATION: 180		
riece No.	86615			Specification Requirement	UNIT OF HELSING	PROCEDURES	
TISTLE	427	0	0	itin:	Pounds	157M-D-5034	
	389	0	0	Kin:	Pounds	ASTR-D-5034	
AITTIRE	307						
ELONGATION WARP	42	0	0	Min: Max:	Percest	1579-D-5034	
PILLING	44	0	0	Min: Max:	Percent	1894-9-5034	
PORGUE TEAR	27	0	0	Hia:	Pounds	1578-9-2261	
FILLING WARD	26	0	0	Aib:	Founds	ASTR-0-2261	
						1000 0 1000	
ATTA ATTACH ATTACH	. 0	0	0	Hip:	Pounds	1SM-0-(533	
FILLING	0	0	0	Nin:	Potads	1578-0-4533	
SEPTERACE	1.56	0.00	0.00	Haz:	Percent	1 IR (300 P	
YILLING	0.00	0.00	0.00	Max:	Percent	1 M § 300 P	
YLANGURTLITY	0.0	0.0	0.0	Max:	131/1031	7107SS-302	
pce				. Hag:	Percent		
MAS				Max	Percent		
VEIGHT	5.14	0.00	0.00	Min: Max:	04/102	1578-0-3776	
WID/II	70.0	0.0	0.0	Nia: Max:	INCRES	1572-0-3774	
IMD6	59.4	0.0	0.0	Min: Max:	IPI	ASTR-8-3775	
PICES	63.4	0.0	0.0	Min: Max:	PPI	ASTR-0-3775	
BODY THICOURSE	.010	0.000	0.000	lin: lin:	Inches	ASTM-D-1777	
PRIMIC AIR PERM ADAP				Hin: Max:	m/sec	7.3.3.	
EXPONENT				Nin: Nax:		T.8.D.	

Naterial: 94934-02-9026

lot: 20699

Page 2 of 2

			Spec Rec	cification purement	TELLS OF MELSURE	PROCEDURES
			77.	•	PRT	1571-0-3786
			MIN:			
7.5			Hin:	Hazı	ps waits	PM 191
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.2						
5			Min: 4		Wice Good Miles	JPS 701
		0.00	Vie-	Kar:	CTI	1.5TH-D-737
0.00	0.00	0.00	FILLEA		<u> </u>	
	1		-to-	Tay ·	MG/CH2	1578-D-4032
0.0	0.0	0.0	MID:	<u></u>		
0.0	0.0	0.0	Min:	Nez:	NE/CIG	157F-D-4032
	<u> </u>	<u> </u>	<u> </u>			
	0.000	0.000	Hin:	Yar:	Pounds	15TH 4032
.700	0.000	0.000				AST# 4032
.700	0.000	0.000	Hin:	Hax:	Pounds	ASTR 4432
	7.5 .2 5 0.00 0.0 .700	7.5 .2 .5 0.00 0.0 0.0 0.0 0.0 .700 0.000	7.5	Special Residence Special Residence Residence	### Specification Requirement 7.5 Hin: Hax: 7.5 Hin: Hax: 5 Hin: 4 0.00 0.00 0.00 Hin: Hax: 0.0 0.0 0.0 Hin: Hax: 7.5 Hin: Hax: 7.5 Hin: Hax: 7.6 Hin: Hax: 7.700 8.000 0.000 Hin: Hax: 7.700 8.000 0.000 Hin: Hax: 7.700 8.000 0.000 Hin: Hax:	Specification RELIGIE

I certify that the above tests were performed under my supervision in accordance with specification test requirements and that the reported test results are true, valid, and applicable to the samples tested. Test results as shown are within the acceptance limits for the parameters of the above natural specifications except as noted with an asterisk (*).

MORREY M. MOLCOME LAB DIRECTOR (864) 240-2624

P-1065 (5/96)

[111-2021]

THIS REPORT HAY NOT BE REPRODUCED EXCEPT IN TOTAL HITBOUT THE PERISSION OF THE ORIGINATOR.

INFORMATION ONLY

EXHIBIT B

PRIN COMPC VTS PABRIC TRNOLOGIES. INC.

11.0 Vary personnel 11.0 Value Valu									
1 10 10 10 10 10 10 10	Meription	315 60 x 64							
Purpless and 6 bords of drop wires, 716 sir space read Department so 13		Low Warp to	enston		Status		154		
Platin before the f splon in pick and pick with a pick and pick and pick with a pick and pick an		• hermess	and 6 banks of drop vires	. 71% air space reed	Desert		10		
Pick And	brio	Dupont t-6.	.6 nylon		Produc	t oods:		ir uncoated	
##EAVE 2 LOTS ##ELDECT 200 Newer plottes/inchic 64.00 Destalization 16.000 Hear slit at loom	igag:	Plein	PICK AND PICK HITH 2	PILLING YARMS	Local	1906	Dornier general		
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1 end 420/62 dt.hlue sylon 24 ends from left side at slasker	Pe size:	BP-44C-48	Z	PETCH ON BLASHING	3	main F.	52,000		
Mail State Emptainst Acceptation Mail Mai	ther	1 and 420/	/68 dk.blue nylon 24 ends	from left side at slasher	•	i ege	4,224		
Military Beass Military Mil	up yarn code.	EVECTA 538	11	MS INDISTRIAL PIERS					
Marchest Beast Marchest Beast	Sortptions	315/144 T.	-447 MRT-6 Acordia Scotta	boro Mylon					
Main		Airbag Bei	****						
Pathon: 115/144 T-447 HRT-s Acception bylon Airbeg Tubes Hone Airbeg Tubes Airbeg Tu	risti	Hone	ì				•		
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See final imagention instructions See final imagention instruction See final imagention instruction See final imagention instruction See final imagention	whete	Mone							
## See final inapection instructions ## Pulse code: 02 11 Roll Goods 12 Roll Goods 13 Roll Goods 13 Roll Goods 13 Roll Goods 14 Roll Goods 15 Ro	erge:								
## See final imagention instructions ### Tare wt: Thing mode:	ackaginge	See final	1 inspection instructions				***		
### mylon coating fabric (Air bag) #### Three wt: Three wt: T	rading.	Bee tingl	1 inspection instructions			19000		:	
### (yde/lb): 1.59	urpose t	ny ton only	ating fabric (Air bag)			and the second			
(yde/lb): 1.59 Width (in): 75.50 76.50 76.50 76.00 Midth (in): 56 x 63 56 x 65 55 x 64 Count (W x F): 58 x 62 62 x 63 60 Lev 6: 3.00 Wt (ox/syd): 4.71 4.71 Wt (ox/syd): 4.93 4.93	ube size:	Des fina	1 inspection isstructions		•	codes			
(yda/lb): 1.59 Width (in): 75.50 76.50 Ridth (in): 69.50 70.50 7 (lba/yd): 0.628 Count (W x F): 54 x 63 56 x 65 55 x 64 Count (W x F): 58 x 62 62 x 66 60 lbt (ox/ayd): 4.71 4.71 Wt (ox/ayd): 4.93 4.93 4.93						,	1	Finished	
(lbe/yd): 0.628 Count (W x F): 54 x 63 56 x 65 55 x 64 Count (W x F): 58 x 62 62 x 66 60 bev %: 3.00 bt (ox/syd): 4.71 4.71 bt (os/syd): 4.93 4.93	td wt (yda/1b).	1.59	Midth (in).				Min		10000
%: 3.00 Wt (ox/ayd): 4.71 4.71 Wt (ox/ayd): 4.93 4.93		0.628	Count (N × P).			1 (07) 43PH	69.50	70.50	3.5
		3.00	Wt (os/syd) :	ñ		te (or /md) :	58 X 85	2 × 2	1
					4				

FILLING YARM \$2 8980L 8051 210/72 T-447 HRT TUBES PROM ACORDIS, 1884 ACES

By: TK 00/10/1899 Devision date: CRIGINAL (Qui. 102, 103)

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WARPING ORDER

F-1017 11/98

(RE: QMS - 102)

SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC. - DUNEAN PLANT - 80

WARPING, PROCESSING, WEAVING ORDER AND HEADEND TICKET

			NG, PRO				_			DATE:		
YLE: W-4934 E	XP3	TYPE	CLOTH:	NYLON CO	DATING A	IR BAG	<u> </u>		•	<i></i>		-
NO. EAMS: 1	REED SPREAD:	81.23	DENT REED:	26.00	ENDS DENT:	_2_	TOTAL DENTS:	2158*	SLEY:	52.00	SHAFTS:	_
RAW: STRAIGHT			EST %		TYPE	DORN			BM. HEAD: TOTAL		-	
DEPT.: 10	BODY ENDS:	4224	•			ENDS:	1	_	ENDS: WEIGHT PER YARD:		-	
SELVAGE:	** 1 END 4	20/68 DEN.	DARK BI	TIE NATO	Y-HEAT	SLIT AI	LOOM	- 			<u> </u>	_
FILLING A:	315/144/T-	447 AKZO	SCOTSBO	ORO NYLO	N		PICKS:	32	WT/YD: (14,150)	.1959	-	
FILLING B:	210/72/R-2	20 ACORDA	8 100% T	447 HRT F	ROM AKZ	ORD,LE	PICKS: NO,ETC	32	WT/YD: (21,250)	.1305	-	
							PICKS:		WT/YD:		-	
FILLING C:	•				•							-
WARF A:	315/144/T- NO TINT	447 AKZO - NO CU	BCOTTS!	ORO NYLI	ON	_ ^	io. END 8 :	4224	WT/YD: (14,150)	.3245	-	
WARP B:	- ADDED	AT SLASH	ER 24 EN		EFT	N	io. ENDS:		WT/YD:		-	
WARP C:	EDGE A	TSLASHE	R			_ ^	10. ENDS:		WT/YD:		•	-
	WARPING	LAYOUT				MAYA			BELOW	A		; ; ;
12 - BMS @	SELV.	352 BODY A	SELV.	•			BMS @	SELV.	BOOY	SELV.	•	1
	SELV.	BODY A	SELV.	•	•••		8MS @ - BMS @	SELV.	BODY	SELV.	-	- · · ·
- 8M8 @	SELV.	BODY	SELV.	•				SELV.	BODY	SELV.		 -
FOR HE	ADEND TICK	ŒT:				ooi Ma			OVERALL			İ
GREIGE WIDTH	EST. WEIGHT		ACT.% CONT			ROUND COUNT		•	COUNT:		·	- 1
MID ILL												

R. DEATHERAGE (3), FRANCISCO BEDOYA (3) D-10

CERTIFICATE OF COMPONNANCE

MANUFICTURES: Safety Components Fahric fech. Inc.
Dunean Plant
Greenville, SC g.

INFORMATION ONLY

TEST COMDITIONS: 72°7 / 65% R.H.

CUSTONER ID:

TEST DATE:

SPECIFICATION: TED

	, γ,	10t: 2	1118	THE DATE:	320011	CA11/05. 100	
17ERIAL: \$4934-01-9026		17540		Specification Requirement	WEASURE	TEST PROCEDURES	
ample No.	17530	2,010					
DAR TRISILE	450	442	0	Hin:	Pounds	ASTR-D-5034	
MIBO	379	389	0	Nin:	Pounds	ASTR-D-5034	
LITTIC							
ECHATTO	38	38	0	Min: Nax:	Percent	1574-0-5034	
FILLING FILLING	394	40±	0	Kin: Nax:	Percent	ASTM-D-5034	
Limina						ASTH-0-2261	
TOUGUE TELE	28	27	0	Rins	Pounds	ASTA-D-2261	
455		27	0	Hin:	Pounds	ASZR-V-2401	
LITTIES	27	27					
The second section					Pounds	1871-0-4533	
PLPRIOD PELR	0	0	0	lin:	Pounds	1578-D-4533	
ALITIM	.0	0	0	lia:			
X Tremes		سمبرم _{ید} ان				1 M2 § 300 7	
SEPTIME	1.56	1.56	0.00	Har:	Percent	1 m @ 300 ?	
FILLING	.31	.32	0.00	Bex:	Percent	MVSS-302	
PLINABILITY	0.0	0.0	0.0	Hax:	111/MIB Percent		
308	.31	.50		Flas:	Percent		
	.75	.75]	Max:	Letteric		
B115	5.02		0.00	Rin: Nex:	01/102	151H-D-3776	
				- thousa	DICES	ASTN-D-3774	
TOTAL CONTRACTOR OF THE PARTY O	70.5	71.0	0.0	Hin: Max:	PI	1STR-D-3775	
EFES	58.3	58.3	0.0	Nin: Rax:	PPT	1577-D-3775	
PICES	62.6	62.5	0.0	Hin: Har:	Inches	1576-D-1777	
BODY THICKNESS	.010	.010	0.000	Min: Max:			
DYNAMIC AIR PERS			T	Rin: Har:	m/sec	7.3.).	
ADIP			-	Min: Max:		1.B.D.	

Page 2 of 2 lot: 21138

terial: 84934-03-9026						- A A	1257
				Speci	lication sirement	mil of Nylsme	PROCEDURES
Piece No.	17530	17540		Nin:		PSI	ASTH-D-3786
ILLE BURST HET					Nax:	pa wits	FM 191
	7.1	6.8		nin:		Percent	JPS 701
MEDICALELES (3)	.5	.6			Hax:	MICC CHOCK WITES	JPS 701
ote stade	5	5		Min: 4		CPI	1579-D-737
AIR PERIELBELLTY	2.04	2.00	0.00	Hin:	Kar:		
CUTILIVE STUTIESS		7	0.0	Nin:	Nax:	NG/CN2	ASTR-0-4032
ETED.	0.0	0.0	ļ		Max:	WG/CH2	15TH-D-4032
YILL	0.0	0.0	0.0	Min:			Lm2
CIRCULAR BRID		.800	0.000	Min:	Hax:	Pounds	ASTR 4032
MARP	.800			Nia:	Max:	Pounds	1571 4032
TII.	.200	.800	0.000	ALLA:			

I certify that the above tests were performed under my supervision in accordance with specification test requirements and that the reported test results are true, valid, and applicable to the samples tested. Test results as shown are within the acceptance limits for the parameters of the above natural specifications except as noted with an asterisk (*).

> ROBERT M. MILCORE LAB DERECTOR (864) 240-2624

T-1065 (5/96)

[11-2021]

THIS REPORT HAT NOT BE REPRODUCED EXCEPT IN TOTAL WITHOUT THE PRINCISSION OF THE ORIGINATOR.

INFORMATION ONLY

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EXHIBIT C

	W 11.3 & Ara	REQ. & COST F	ORM	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			DATE	
T	: FRANCISCO BEDOYA	: 		
) =	MARKETING	CUST. S/#	C/R# /	0-386
Ċ	USTCMER:	^	1.1.	LEVEL 4
-	CFTI S/#: WEAVE:	flain EN	DUSE:	
2	FTN. (MIN./NOM.)	C C175	YES NO
	GR. MILLY MODELY		WARP SIZE SPUN YARN	
1		1	HI. TEN RE	QD QD
	VIDTH: 69.5-76.5	<u>66</u>	T743(OLD/NEW
(MARP: 420/68/B2D Nylo	n . d. font	- (1/2)	and for five the
	FILL: 420/68/1220 Alylo	n' Dupont	7713(12/18)	TEN OLD NEW
	315/96/RAO NYL	on Dufort 7	727 (12)	500
	SCFTI PROCESS:	CUT	Length Range PC. Length	200
	GREIGE HEATSET IN THE GR.	— MIN I	CES ALLOWED	70
	SCOUR & HEATSET	PACKE	AGING	Sind Tube
	APPLY & FINISH	المراملي	FINISH	CODE: 9024
	DESCRIBE FINISH:	•	DATED:	
	CFM RANGE: NA CUST. SPEC	* TRD (TE	ST REQ. Y/N)	(CERT REQ Y/N)
. }	COPY OF CUST. SPEC ATTACRED	, , ,		
ĺ	DEPT#: 10			
	II. TECHNICAL TYPE LOOM: Dorning MULTIPL YARDS PER BEAM: NLW	E PICKS - YES/	EQUIVALENT P	ICKS: P/A
	YARDS PER BEAM: NIM	(WARP IN P.	LANT & NEW TRACE	492
	CONST. IN LOOK: MIND DU	end T-745		
	CONST. IN LOOM: REED WIDTH: 420(4) 120 ~ 160 00 WARP: #20 44 120 ~ 160 00 FILLING: 31514(1820 ~ 160 00) WARP YDS/LB: 4400 EST. WARP CONTRACTION:	DUPY 7-748	Pick and	PICIE
	FTI.T.ING: 3151961820 NYLO	Duport 1-729	YDS/LB: 6.600:	430 4. N.465 : 31
	WARP YDS/LB: 10400	ato Elling	1907	- Christian Contra
	REMARKS:	surple	fort-	
			Rama DATE	: <u>5-21-49</u>
	SIGNATURE:	**********	20000000000000000	
	province /CTRCLE A	S APPLICABLE)	FINAL	TESTING
	COEDADATION WERVING	3.441.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	CT TT	INTERNAL
	WINDING TWISTING (IN/OUT) SULZER	SCOURD-JIG/LUM	T. CNSPECT	NONSTD.
	WARPING (IN/OUT)	CAN DRY CONTACT HT SET		PPAP
	(BLOCK/TRANS.)	CALENDER TENTE	3	ANNUAL QUAL.
;	BEAMING/SLASHING			Anne sa

ENGINEERING	OTHER:		
(S/WLAVLA:		DATE	FWDED:
COST DEPARTMENT			
	TREET CONTRIBUTION	FAB. WT.	02./30. 15.
	The state of the s	-	
T:/37	n/F/YD:	MIN. YD:_	TAR.YD:
./YD: FX/YI): B/E/YD:		
	MARP:	·	
OCT BIMERS/COMMENTS	atherin 20	Visa hel	DU 6300 DU
2) Westone	appearing	ugtion, be	makens Sur
ماورد المورد		different	
Pario	bette, suff	360 0.1056	
B) II Sugge	L. 0 10001	COANAKIE	to in wa
B) 11 Succes			
A 3743			
V -			
			DATE:
UBMITTED BY	doonfoch	7 4 0 1	DATE:
		Lato Denk	DATE:_
APPROVED BY MARKET	ING MGR.	Lat Denk	DATE:_
APPROVED BY MARKET	ING MGR.	Lato Denk	_ , ,
APPROVED BY MARKET: APPROVED BY DIR. TI	ING MGR.	Late Denk	DATE:_
APPROVED BY MARKET: APPROVED BY DIR. TI	ING MGR. A. S.	Let Denk	DATE:_ DATE:_
APPROVED BY MARKET: APPROVED BY DIR. THE	ING MGR. A. S.	Let Denk	DATE:_
APPROVED BY MARKET: APPROVED BY DIR. TI	ING MGR. A. S.	J. ANDERSON	DATE:_ DATE:_

14.41 PR SMEETT CUIT FAB ICCH 004 240 2000 TO 2000

CENTIFICATE OF COMPONIANCE

PAGE 1 OF 2

TEST COMDITIONS: 72'? / 65% R.H.

ب سے رہے

CUSTOMER ID:

NUMBER COMPONENTS Fabric Tech. Inc.

Dunesn Plant

Greenville, SC

SPECIFICATION: TAD

		LOT: 20701		TE	et date:	SPECIFICATION: TAD	
iace No. 86197				Spec Req	ification pirement	UNIT OF HELSULE	PROCEDURES
DIB THESILE	430	0	0	Nin:		Pounds	1578-D-5034
WARP	424	0	0	Kin:		Pounds	ASTR-D-5034
MILLING							A PARA
AVIDA NATION	34	0	0	Nis:	Nex:	Percent	1578-D-5034
FILLING	43	0	0	Hia:	Haz:	Percent	
POSSUE TEAR	67	. 0	0	Hia:		Pounds	15TH-D-2261
WARP	41	0	0	lin:		Poznás	AS98-0-2261
FILLING	**						1 2 .1552
TEAPEIOLD TEAR	0	0	0	Tin:		Pounds	1575-9-(533
AUTTIC	0	0	0	Lix:		Pounds	1501-0-4533
SPIRIGE	1.25	0.00	0.00		Haz:	Percent	1 12 9 300 1
WAIP		0.00	0.00		Max:	Percent	1 MR # 300 P
AITTIRE	.0.00		0.0		Hez:	111/1011	7H738-302
PLANKABILITY	0.0	0.0	V.V		Act:	Percent	
207	.56				Max:	Percent	
8118	.50			w2	Kax:	03/102	15TR-D-3776
MIGH	5.10	0.00	0.00	Nia:	Nex:	INCERS	ASSR-9-3774
YDA.	66.0	0.0	0.0	Rin:	Hax:	PI	ASTRI-D-3775
506	41.5	0.0	0.0	Hin:		PPT	ASTN-0-3775
PICES	48.3	0.0	0.0	Nin:	Hax:	Inches	ASTH-0-1777
BODY TRICOPESS	.012	0.000	0.000	Min:	Xax:		
DYNAMIC AIR PROM				Nin:	Kax:	12 / SOC	7.B.D.
EPOINT				Hin:	Hax:		7.3.D.

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Page 2 of 2

Material: W4951-01-9026

lot: 20701

Material: #4951-01-902	•					_	
Piece No.	 8619¶			Specification Requirement		UNIT OF MEASURE	TIST PROCEDURES
NOTLEM BOIST HET				Hin:		PSI	ASTIC-D-3786
	7.0			Nin:	Hax:	pil units	F7N 191
pl .	.5				Kax:	Percent	JPS 701
ETRICIALIS (1)				Hin: 4		AATOC CROCK DITTS	JPS 701
dyr stalf	5		-	CIAN.			4 441 7 444
AIR PROMINELLITY	6.04	0.00	0.00	Hine	Max:	CPI	1STH-0-737
CHARGE STATE CATTRICE				,			
CLUTILIVER STITUTESS	0.0	0.0	0.0	Nin:	Max:	NG/CN2	1973-0-4032
FILL	0.0	0.0	0.0	Rin:	Har:	NG/CN2	157H-D-4032
The same of the bellets				·			
CIRCULAR BAND	0.000	0.000	0.000	Hin:	Bar:	Pounds	ASTN 4032
FIIL	0.000	0.000	0.000	Hin:	Hax:	Pounds	ASTR 4032
الملقة	1 2.70	1	1			المستنب والمستنب والمستنب والمستنب	

accordance with specification test requirements and that the reported test results are true, valid, and applicable to the amples tested. Test results as shown are within the acceptance limits for the parameters of the shown anterial appenifications except as noted with an exterial (*).

ROBERT M. ROLCOMBE LAS DIRECTOR (864) 240-2624

1-1065 (5/96)

[WI-2021]

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